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1931-

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JANUARY, 1931

J. A. BROWN, DIRECTOR

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JANUARY 1931
METEOROLOGICAL REGISTER

Date	Barometer reduced to °oC Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	63.3	63.4	64.0	63.6	17.7	13.5	16.7	17.3	14.9	16.3
2	5.4	4.8	2.2	4.0	17.9	12.8	14.4	16.5	15.2	15.4
3	3.5	1.9	1.8	2.4	18.4	13.3	14.8	17.7	15.5	16.0
4	2.8	2.8	2.5	2.7	18.2	14.3	16.4	17.8	15.8	16.7
5	2.1	3.5	3.5	3.0	17.7	13.2	16.9	17.1	16.2	16.7
6	63.8	62.3	61.6	63.0	17.3	13.2	16.1	17.0	15.5	16.2
7	1.3	0.0	59.2	0.2	18.8	13.5	16.2	17.6	15.9	16.6
8	58.6	57.5	7.6	57.9	19.1	14.6	17.8	18.3	16.2	17.4
9	60.3	61.1	8.7	60.0	19.1	14.7	17.1	18.5	16.5	17.4
10	59.6	59.4	60.9	0.0	17.3	15.0	15.8	14.4	12.9	14.4
11	62.9	62.6	63.0	62.8	17.2	11.4	13.7	16.8	14.3	14.9
12	5.2	3.6	3.9	4.2	17.9	12.8	16.0	17.8	14.7	16.3
13	3.0	0.4	1.5	1.6	18.8	13.2	15.5	18.6	16.7	16.9
14	0.8	3.4	2.2	2.1	20.6	15.1	19.4	18.5	15.6	17.8
15	4.7	4.0	63.9	4.2	17.7	14.1	15.4	16.6	16.2	16.1
16	64.6	62.7	61.4	62.9	18.3	14.8	17.6	17.7	15.4	16.9
17	57.7	53.0	52.7	54.5	20.7	13.3	14.9	20.4	13.4	16.2
18	4.5	7.9	5.6	6.0	17.2	10.3	16.1	15.5	15.4	15.7
19	3.5	48.5	1.6	1.2	15.8	12.5	16.2	15.3	13.2	14.9
20	5.6	56.7	8.7	7.0	13.1	8.8	11.6	11.9	9.3	10.3
21	62.8	64.2	65.2	64.1	12.1	6.6	10.1	10.6	8.8	9.8
22	7.4	7.3	7.9	7.5	13.1	7.4	12.1	12.4	9.3	11.3
23	8.2	7.3	7.2	7.6	14.4	9.0	13.2	13.8	14.1	13.7
24	5.3	4.6	5.6	5.2	14.1	8.9	12.3	13.1	11.7	12.4
25	5.8	4.6	4.0	4.8	15.7	9.1	12.4	15.3	13.6	13.8
26	64.3	63.2	63.4	63.6	16.4	11.6	15.3	15.7	13.9	15.0
27	2.3	0.8	0.7	1.3	17.2	11.6	11.8	17.1	14.3	14.4
28	58.4	57.3	56.6	57.4	17.6	11.9	16.8	16.7	11.9	15.1
29	6.7	7.4	60.1	8.1	15.0	9.1	13.9	14.3	12.9	13.7
30	64.7	63.7	5.5	64.6	13.1	8.2	10.0	12.9	10.6	11.2
31	6.1	5.8	5.6	5.8	13.2	9.4	11.7	12.4	12.5	12.2
	62.10	61.47	61.56	61.72	16.73	11.88	14.78	15.96	13.95	14.89

Barometer, Range for month 748 5-768.2 m.m.

,, 50-yr. average for month 763.36 m.m.

Thermometer, Range for month 6°.6-22°.7

, 50-yr. average for month 13.67 C.

Rain, total for month 183.30 m.m.

,, , 50-yr average for month 191.01 m.m.

,, , total. Sept. 1st to end of month 506.95 m.m.

,, , 50-yr. average, Sept 1st to end of month. 576.84 m.m

JANUARY 1931

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	13.9	14.2	13.0	10.2	10.2	10.0	10.1	72	69	79	73	6.2	38.71
2	13.8	14.6	13.7	11.4	11.2	10.7	11.0	92	80	84	85	1.8	2.94
3	12.1	14.8	13.3	8.9	10.8	10.0	9.9	72	71	77	73	2.0	
4	14.2	15.1	14.3	10.7	11.1	10.1	10.6	77	73	83	78	8.2	
5	14.0	14.8	14.3	10.1	11.0	10.9	10.7	70	76	80	75	9.3	
6	13.1	14.6	15.5	9.5	10.9	10.0	10.1	70	76	76	74	9.0	
7	13.9	14.5	12.9	10.1	10.4	9.3	9.9	72	69	70	70	7.8	
8	14.3	15.7	13.0	10.0	11.5	9.7	10.4	66	74	71	70	7.7	1.32
9	14.3	15.9	14.5	10.4	11.7	11.0	11.0	72	74	79	75	2.4	
10	15.1	13.3	11.1	12.2	10.6	8.7	10.5	93	86	79	86	0.0	17.52
11	12.2	13.7	11.8	9.6	9.8	8.9	9.4	82	70	74	75	1.8	
12	12.6	13.4	11.9	8.7	8.9	8.8	8.8	63	59	71	64	5.5	
13	12.3	15.6	14.3	8.9	11.3	10.6	10.3	67	72	75	71	5.3	
14	14.8	15.2	13.3	9.9	10.7	9.9	10.2	59	69	76	68	3.3	1.07
15	13.2	14.3	14.3	9.9	10.7	10.9	10.5	76	76	80	77	1.0	
16	14.9	15.5	14.6	11.0	11.7	11.7	11.5	73	77	90	80	8.8	
17	11.8	14.1	12.7	8.6	8.6	10.4	9.2	68	48	91	69	4.4	
18	13.7	14.1	13.7	10.2	11.0	10.7	10.6	76	85	82	81	1.3	22.86
19	14.3	13.8	9.7	10.9	10.8	7.3	9.7	80	84	64	76	0.1	25.40
20	7.6	7.6	7.1	5.9	5.8	6.3	6.0	60	56	72	63	3.0	18 75
21	7.1	7.7	6.6	6.0	6.4	6.1	6.2	66	68	73	69	6.0	2.03
22	8.8	8.2	6.7	6.8	6.1	6.0	6.3	65	57	69	64	8.5	
23	9.9	10.1	11.5	7.5	7.2	8.6	7.8	66	62	73	67	9.0	
24	6.3	9.8	8.8	4.7	7.4	6.9	6.3	44	66	68	59	8.0	
25	9.0	11.5	11.4	6.8	8.1	8.8	7.9	64	63	76	68	8.6	12.55
26	12.4	13.2	12.2	9.1	9.8	9.5	9.5	70	74	80	75	3.1	
27	14.8	12.4	10.9	10.9	8.2	7.9	9.0	74	57	65	65	9.0	
28	12.6	12.8	11.1	8.6	8.8	9.3	8.9	60	62	90	71	5.1	28.70
29	11.1	10.5	8.9	8.2	7.5	6.6	7.4	70	62	60	64	0.8	3.30
30	6.7	9.9	7.8	6.7	7.6	6.5	6.9	63	68	68	66	8.6	1.22
31	10.7	12.2	11.3	8.9	10.4	9.2	9.5	86	97	85	89	0.0	6.93
	12.11	13.00	11.81	9.07	9.55	9.08	9.23	70.6	70.3	76.1	72.3	5.02	5.91

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

JANUARY 1931

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	5stcu	3stcu	5cu	4.3	2sw	1s	1se	547.4	mod.	
2	4cu	8stcu	2cu	4.7	0	1sw	0	233.5	light	lunar halo
3	10stcu	6stcu	6stcu	7.3	0	0	0	156.7	calm	
4	1cu	1cu	1cu	1.0	0	1sw	0	64.3	light	
5	1cu	0	0	0.3	0	1n	0	72.7	„	
6	0	0	0	0.0	0	0	0	14.7	calm	dew a.m.
7	2ci	8ci	6ci	5.3	0	0	0	55.3	„	
8	3ci	8ci	0	3.7	0	0	0	64.9	„	
9	10 u	2cicu	10ni	7.3	3sw	1n	1e	312.2	mod.	
10	10ni	10ni	10ni	10.0	1w	1sw	1se	426 9	light	
11	10st	10st	10st	10.0	0	1sw	1se	471.4	„	
12	10st	2ci	0	4.0	0	1w	0	378.1	calm	
13	8ci	10stcu	3st	7.0	0	0	0	28.0	„	
14	10st	5st	5st	6.7	3w	1w	3se	574.9	mod.	mist a.m.
15	10st	10st	6st	8.7	0	1w	1e	640.4	rough	
16	0	0	0	0.0	0	0	0	134.2	light	
17	8st	10ci	5ni	7.7	0	2w	6sw	541.2	rough	gale
18	8cu	8ni	10ni	8.7	5w	0	1se	900.2	„	
19	10ni	10ni	8st	9.3	5w	7w	7sw	1381.1	„	gale
20	6st	6st	6st	6.0	3nw	1nw	1w	540.7	„	
21	8ni	4st	2st	4.7	1nw	0	0	172.9	„	
22	3stcu	1st	1st	1.7	0	1w	1e	255.1	light	
23	2st	7ci	2ci	3.7	0	0	1e	176.0	„	
24	1cu	3st	1st	1.7	0	0	1e	181.7	calm	
25	1cu	1cu	5ni	2.3	0	0	2se	344.1	„	
26	6st	10st	5st	7.0	0	1sw	1se	533.0	„	
27	1cu	1cu	4cu	2.0	0	1sw	2se	465.3	slight	
28	1st	7st	10ni	6.0	2sw	4w	5sw	968.2	rough	
29	8cu	10st	10st	9.3	4w	3w	5w	1006.1	„	
30	2cu	3cu	5cu	3.3	1nw	0	1se	314.4	„	
31	10ni	10ni	10st	10.0	0 30	0 30	2se44	337.7	slight	
				5.28	1.0	1.0	1.4	396.46		

M.P.H.

Number of Daily 2 Wind 2 Observations 4

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	0	3	5	3	20
14:30	2	0	0	0	1	5	9	1	13
20.30	0	0	5	10	0	3	2	0	11
Totals	2	0	5	10	1	11	16	4	44

Number of days with rain 14, fog 0, thunderstorms 0, gales 2

50-yr average number of days with rain during month 15.8